

Attorney Docket No. **SUBSTITUTE FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE 04843/112002 (MODIFIED) PATENT AND TRADEMARK OFFICE Serial No. 10/556,134 **Applicant** YURGELUN-TODD INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date November 9, 2005 (Use several sheets if necessary) Group Not Yet Assigned (37 C.F.R. § 1.98(b)) **IDS Filed** May 2, 2007

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
	US2003/00962 64 A1	5/22/03	Altar et al.			
	5,585,118	12/17/96	Stoll			
	6,020,310	2/1/00	Beck et al.			
	6,020,314	2/1/00	McMichael			
	6,117,890	9/12/00	Bymaster et al.			
	6,197,746 B1	3/6/01	Beck et al.			

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Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	WO01/32196	5/10/01	WIPO			
	WO01/37801	5/31/01	WIPO			
	WO03/042654 A2	5/22/03	WIPO			
	WO03/92716	11/13/03	WIPO			

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
Adolphs et al. "The Human Amygdala in Social Judgement" Nature 393:470-474. (1998)
Adolphs et al. "Abnormal Processing of Social Information from Faces in Autism" J. Cog. Neurosci. 13:232-240. (2001)
Adolphs et al. "Impaired Recognition of Emotion in Facial Expressions Following Bilateral Damage to the Human Amygdala" Nature 372:669-672. (1994)
Adolphs et al. "Fear and the Human Amygdala" J. Neurosci. 15:5879-5891. (1995)
Baird et al. "Functional Magnetic Resonance Imaging of Facial Affect Recognition in Children and Adolescents" J. Am. Acad. Child. Adolesc. Psychiatry 38:195-199. (1999)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to the control of the conformation with the next communication to the conformation of the conformation o

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	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
В	aron-Cohen et al. "The Amygdala Theory of Autism" Neurosci. Biobehav. Rev. 24:355-364. (2000)
	aron-Cohen et al. "Social Intelligence in the Normal and Autistic Brain: An fMRI Study" Eur. J. Neurosci. 1:1891-1898. (1999)
P	reiter and Rauch "Functional MRI and the Study of OCD: From Symptom Provocation to Cognitive-Behavioral robes of Cortico-Striatal Systems and the Amygdala" Neuroimage 4:S127-S138. (1996)
Т	oniglio et al. "A Randomized, Double-Blind Placebo-Controlled Trial of Single-Dose Intravenous Secretin as reatment For Children With Autism" <i>J. Pediatr.</i> 138:649-655. (2001)
4	avis. "Neurobiology of Fear Responses: the Role of the Amygdala" <i>J. Neuropsychiatry Clin. Neurosci.</i> 9:382- 02. (1997)
N	mery and Amaral. "The Role of the Amygdala in Primate Social Cognition" Chapter 8 In: Cognitive leuroscience of Emotion (Lane RD, Nadel L, eds), pp 156-191. New York. (2000)
1	ioulet et al. "A Secretin I.V. Infusion Activates Gene Expression in the Central Amygdala of Rats" Neuroscience 18:881-888. (2003)
2	lariri et al. "Dextroamphetamine Modulates the Response of the Human Amygdala" <i>Neuropsychopharmacology</i> 7:1036-1040. (2002)
1	lariri. "Modulating Emotional Responses: Effects of a Neocortical Network On the Limbic System" NeuroReport 1:43-48. (2000)
A	lerlihy et al., "Age and Number of Doses are Determinants of the Response to Secretin in Young Children with utism" International Meeting for Autism Research (IMFAR). Orlando, FL. (2002)
s	lorvath et al. "Improved Social and Language Skills After Secretin Administration in Patients with Autistic pectrum Disorders" J. Assoc. Acad. Minor. Phys. 9:9-15. (1998)
L. N	loward et al. "Convergent Neuroantomical and Behavioural Evidence of an Amygdala Hypothesis of Autism" leuroReport 11:2931-2935. (2000)
P	alin et al. "Functional Magnetic Resonance Imaging Studies of Emotional Processing in Normal and Depressed ratients: Effects of Venlafaxine" <i>J. Clin. Psychiatry</i> 58:32-39. (1997)
fN	osaka et al. "Differential Amygdala Response During Facial Recognition in Patients With Schizophrenia: An MRI Study" Schizophr. Res. 57:87-95. (2002)
	eDoux. "Emotional Networks and Motor Control: A Fearful View" <i>In Prog. Brain Res.</i> 107:437-446. (1996)
A	lcGaugh et al. "Amygdala Role in Modulation of Memory Storage" <i>In The Amygdala: A Functional Analysis</i> , J.P. ggleton, ed. London: Oxford University Press 391-423 (2000)
D	forelli et al. "Induction of Fos-Like-Immunoreactivity in the Central Extended Amygdala by Antidepressant lrugs". Synapse 31:1-4. (1999)
_ N	forris et al. "A Differential Neural Response in the Human Amygdala to Fearful and Happy Facial Expressions" lature 383:812-815. (1996)
	lozaki et al. "Insight Into the Neuronal Mechanism of Secretin Therapy in Autistic Children" (Abstract) In: IMFAR. Prlando, FL. (2002)
B	ozaki et al. "In Vitro Autoradiographic Localization of (125)I-Secretin Receptor Binding Sites in Rat Brain" iochem. Biophys. Res. Commun. 292:133-137. (2002)
L	hillips. "A Specific Neural Substrate for Perceiving Facial Expressions of Disgust". Nature 389:495-498 (1997)
	oberts et al. "Repeated Doses of Porcine Secretin in the Treatment of Autism: A Randomized, Placebo- controlled Trial" <i>Pediatrics</i> 107:71. (2001)
R P	tohan et al. "Match-Warped EPI Anatomic Images And The Amygdala: Imaging in Hard Places" (Abstract) In: Proccedings International Society for Magnetic Resonance in Medicine, p 1237. (2001)

EXAMINER	DATE CONSIDERED

Sheet <u>3</u> of <u>3</u>

STATEMEN	T BY APPLICANT sheets if necessary)	Filing Date	November 9, 2005 Not Yet Assigned
INFORMATION	ON DISCLOSURE	Applicant	YURGELUN-TODD
(MODIFIED)	PATENT AND TRADEMARK OFFICE	Serial No.	10/556,134
SUBSTITUTE FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE	Attorney Docket No.	No. 04843/112002

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)
Rosenkranz and Grace. (2001) "Dopamine Attenuates Prefrontal Cortical Suppression of Sensory Inputs to the Basolateral Amygdala of Rats" <i>J Neurosci</i> 21:4090-4103.
Roskoski et al. "Regulation of Tyrosine Hydroxylase Activity in Rat PC12 Cells by Neuropeptides of the Secretin Family" <i>Mol. Pharmacol.</i> 36:925-931. (1989)
Sandler et al. "Lack of Benefit of a Single Dose of Synthetic Human Secretin in the Treatment of Autism and Pervasive Developmental Disorder" N. Engl. J. Med. 341:1801-1806. (1999)
Sanders et al. "Priming of Experimental Anxiety by Repeated Subthreshhold GABA Blockade in the Rat Amygdala" <i>Brain Research</i> 699:250-259. (1995)
Repligen Corporation: "Occasion" (Goessian) for Injection:" (2002) no page #
 Sheline et al. "Increased Amygdala Response to Masked Emotional Faces in Depressed Subjects Resolves With Antidepressant Treatment: An fMRI Study" Biol. Psychiatry 50:651-658. (2001)
 Siegle et al. "Can't Shake That Feeling: Event-Related fMRI Assessment of Sustained Amygdala Activity in Response to Emotional Information in Depressed Individuals" <i>Biol Psychiatry</i> 51:693-707. (2002)
Tessitore et al. "Dopamine Modulates the Response of the Human Amygdala: A Study in Parkinson's Disease" <i>J. Neurosci.</i> 22:9099-9103. (2002)
U.S. Congress, Office of Technology Assessment, <i>Biological Components of Substance Abuse and Addiction</i> , Chapter 2:Basic Concepts OTA-BP-BBS-117 (Washington, DC: U.S. Government Printing Office 9-18 (1993).
Yung et al. "Secretin Facilitates GABA Transmission in the Cerebellum" J. Neurosci. 21:7063-7068. (2001)
Yurgelun-Todd et al. "fMRI During Affect Discrimination in Bipolar Affective Disorder" Bipolar Disord. 2:237-248. (2000)

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